

Message Text

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C O N F I D E N T I A L SECTION 01 OF 03 OECD PARIS 14367

EXCON

E.O. 11652:YGDS1
TAGS: ESTC, COCOM
SUBJ: U.S. REDEFINITION PROPOSAL FOR IL 1091 AND IL 1500
NL.

SUMMARY: DISCUSSIONS WERE HELD MAY 9-11 BY NINE COCOM DELEGATIONS ON U.S. PROPOSAL FOR REDEFINITION OF IL 1091 AND ITS DIVISION INTO TWO ITEMS. WHILE THREE DELS INDICATED GENERAL SUPPORT FOR U.S. PROPOSAL, OTHERS EXPRESSED VARYING DEGREES OF OPPOSITION. MAIN GROUNDS OF CONCERN INCLUDED EMBARGO OF NC UNITS CONTROLLING NON-METAL-WORKING MACHINES SUCH AS ROBOTS AND MAINTENANCE OF SOFT-WIRED UNITS UNDER EMBARGO. U.S. AGREED TO SUBMIT REDRAFT ON BASIS OF DISCUSSIONS. COMMITTEE AGREED TO MEET AGAIN TO DISCUSS MATTER OCTOBER 3, (BELGIAN OBSOLESCENCE PROPOSAL TO BE DISCUSSED OCT. 10.)SEPTEL RECOUNTS DISCUSSION OF BELGIAN 1091 PROPOSAL. END SUMMARY.

1. DISCUSSIONS ON U.S. PROPOSAL BEGAN ON 9 MAY WITH THE FOLLOWING NINE DELEGATIONS PRESENT WITH TECHNICAL EXPERTS: BELGIUM, FRANCE, FRG, ITALY, JAPAN, NETHERLANDS, NORWAY, UK, AND U.S. THE PRESENCE OF ONE TO THREE EXPERTS FROM EACH COUNTRY MADE THIS NEGOTIATING SESSION CONFIDENTIAL

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THE LARGEST EVER FOR THIS ITEM. AFTER INITIAL SKIRMISH IN WHICH 4 DELS, INCLUDING FRANCE, DENIED NEED FOR TECHNICAL WORKING GROUP (TWG), COMMITTEE AGREED TO ESTABLISH ONE TO EXAMINE U.S., BELGIAN, AND JAPANESE PROPOSALS (LATTER SUBMITTED ON DAY OF THE MEETING). IN INTRODUCTORY STATEMENT USDEL SUMMARIZED INTENT AND RATIONALE OF OUR PROPOSAL, STRESSING AN TREATMENT ACCORDED

MANY EMBARGOED CNC UNITS. MOST DELEGATIONS INDICATED SUPPORT FOR BELGIAN PROPOSAL AND DIFFICULTIES WITH VARIOUS ASPECTS OF U.S. PROPOSAL. FRENCH ESPECIALLY WERE TROUBLED BY EXTENSION OF EMBARGO TO UNITS CONTROLLING NON-METALWORKING MACHINES, AND LIBERAL AN TREATMENT DID NOT AT FIRST SEEM TO PLACATE THEM. SEVERAL DELS OPPOSED MAINTENANCE OF SOFTWIRED UNITS UNDER EMBARGO. UK, JAPAN AND ITALY MADE GENERAL STATEMENTS OF SUPPORT FOR U.S. PROPOSAL.

2. AFTER TWO DAYS OF TWG DISCUSSIONS, MANY EARLIER RESERVATIONS ON U.S. PROPOSAL HELD BY NORWAY AND GERMANY APPEARED TO HAVE BEEN MITIGATED, AND EVEN FRENCH SUGGESTED INFORMALLY TO U.S. THAT THEY MIGHT BE WILLING TO ACCEPT CONTROL OVER CERTAIN HIGH ACCURACY ROBOT CONTROL SYSTEMS IF AN APPROPRIATE RESOLUTION PARAMETER WAS ESTABLISHED AND NON-INDUSTRIAL TYPE ROBOTS WERE EXEMPTED FROM CONTROL.

3. IN THE END, ONLY NETHERLANDS APPEARED TO REMAIN THOROUGHLY HOSTILE TO MANY ASPECTS OF THE U.S. PROPOSAL, PARTICULARLY ITS SPECIFIC REFERENCES TO MICROPROCESSORS, AREAS OF THE DEFINITION DEALING WITH SPARE PARTS AND COMPONENTS, AND PROPOSED STATEMENTS OF UNDERSTANDING. SIMILARITY BETWEEN SOME OF THE LANGUAGE IN THE PROPOSED NOTES AND SOU'S AND THAT IN THE NOTES TO IL 1565 SEEMED TO RILE THE DUTCH CONSIDERABLY. THEY MADE PLAIN THEIR DISSATISFACTION WITH THE CURRENT DEFINITIONS OF IL'S 1564 AND 1565.

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4. AT CONCLUSION OF THE MEETINGS, IT WAS AGREED THAT U.S. WOULD PROVIDE REDRAFT OF ITS PROPOSALS, BASED ON NEGOTIATIONS, FOR CONSIDERATION BY THE COMMITTEE DURING THE WEEK OF OCTOBER 3. OTHER DELS REQUIRE ONE MONTH TO STUDY REDRAFT. DATE WAS SELECTED ON AGREEMENT BY ALL DELEGATIONS THAT DISCUSSION OF BELGIAN PROPOSAL ON CRITERIA, ORIGINALLY SCHEDULED FOR THAT WEEK, WOULD BE POSTPONED UNTIL WEEK OF OCTOBER 10. U.S. DEL AGREED AD REF SUBJECT TO WASHINGTON CONFIRMATION.

5. IN FOLLOWING PARAGRAPHS WE SUMMARIZE DISCUSSION OF MAJOR POINTS RAISED BY OTHER DELS ON U.S. PROPOSAL. KRATZ AND MISKELL HAVE DETAILED NOTES AND SECRETARIAT WILL PREPARE, AS USUAL, A RECORD OF THE DISCUSSIONS.

6. PROPOSED IL 1091.

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EXCON

(A) HEADING -- NETHERLANDS OPPOSED ADDING WORDS "RELATED EQUIPMENT", SINCE IT BELIEVED THEY BROADENED COVERAGE. FRANCE SUGGESTED "METAL REMOVAL EQUIPMENT" IN PLACE OF "MACHINE TOOLS".

(B) SUBITEM A.1.(F)(2) AND A.2(C)(2) - SEVERAL DELEGATIONS BELIEVED ADDITION OF 0.5 DEGREE CUTOFF REPRESENTED EXTENSION OF COVERAGE AND PREFERRED RETENTION OF LANGUAGE IN TECHNICAL NOTE TO THIS ITEM (NETHERLANDS, ITALY, JAPAN). U.S. COUNTERED THAT HIGH RESOLUTION INDEXING TABLE COUPLED WITH THREE CONTOURING-AXIS MACHINE TOOL PERMITTED SOME EFFECTIVE FOUR-AXIS CONTOURING MACHINING OPERATIONS, SUCH AS ON PROPELLERS AND TURBINE BUCKETS. AFTER LENGTHY DISCUSSION ITALY SUBMITTED COUNTERPROPOSAL FOR THIS SUBITEM IN ATTEMPT TO REACH COMPROMISE. COUNTERPROPOSAL FAILED TO INCORPORATE RESOLUTION VALUE.

(C) A.2.(B) DUTCH ASKED REASON FOR DELETION OF PARENTHE- TICAL PHRASE "FOR LATHES AND OTHER TURNING MACHINES." U.S. INDICATED IT WILL REPLACE WITH SPECIFIC ENUMERATION OF SPECIALIZED EQUIPMENT.

(D) NOTE 2 - TWO DELEGATIONS BELIEVED NOTE EXPANDED THE EMBARGO AND QUESTIONED ITS PURPOSE AND USEFULNESS.

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7. PROPOSED NEW ITEM 1500.

(A) HEADING - SEVERAL DELEGATIONS, PARTICULARLY THE FRENCH, EXPRESSED CONCERN OVER COVERAGE OF CONTROL UNITS FOR TUBE BENDING AND TAPE LAYING MACHINES AND FOR ROBOTS. THEY WANTED TO KNOW IF ALL ROBOTS CONTAINING COMPUTERS WOULD BE EMBARGOED. FRENCH CITED, FOR EXAMPLE, ROBOTS USED IN COAL-LOADING OPERATIONS, TRANSPORTATION SYSTEMS FOR MINERS, AND CONTROL UNITS USED IN PROCESSING PHOTOGRAPHIC FILM. NORWAY ASKED IF SIX-AXIS CINCINNATI MILACRON ROBOT WOULD BE EMBARGOED BY DEFINITION. THE US EXPLAINED THAT ONLY HIGHLY SOPHISTICATED ROBOT CONTROL UNITS THAT EMPLOYED TECHNOLOGY SIMILAR TO THAT OF CURRENT ADVANCED NC UNITS WERE INTENDED TO BE COVERED BY U.S. PROPOSAL. IT BECAME EVIDENT THAT THE ONLY WAY OF OBTAINING SUPPORT BY OTHER DELEGATIONS FOR U.S. INTENT TO COVER SOME ROBOT CONTROLS WOULD BE TO DEFINE MORE CLEARLY THE TYPES OF ROBOTS AND CONTROLS WE HAVE IN MIND.. A PRIME PARAMETER NEEDED, OTHERS FELT, WAS AN ACCURACY PARAMETER. THE U.S. INDICATED THAT CONTROL UNITS WITH AN ACCURACY LEVEL OF ABOUT .02MM AND LESS WERE THE TYPE THE U.S. WISHED TO CONTROL. FRENCH EXPERT GAMET INFORMALLY INDICATED TO U.S. EXPERTS THAT FRENCH COULD ACCEPT CONTROLS OVER ROBOTS IF AN APPROPRIATE ACCURACY PARAMETER WERE ESTABLISHED AND IF NON-INDUSTRIAL TYPE (PROCESS CONTROL) ROBOTS WERE EXEMPTED FROM COVERAGE. (B) A.1 AND NOTE 3. CONTINUED COVERAGE OF SOFTWIRED UNITS IN SUBITEM A.1 WAS ANOTHER MAJOR POINT OF CONTENTION, SEVERAL DELS PRESSING FOR ITS DELETION. JAPAN SUBMITTED, ON FIRST DAY OF NEGOTIATIONS, A COUNTERPROPOSAL WHICH WOULD ADD TO A.1 THE FOLLOWING PHRASE: "... AND UNITS CONTAINING OR INCORPORATING THOSE IN WHICH THE CONTROL PROGRAM IS STORED IN THE NON-REWRITABLE READ ONLY MEMORY (ROM) THAT CANNOT BE REWRITTEN BY USERS". THE JAPANESE OFFERED TO WITHDRAW THEIR PROPOSAL, CONFIDENTIAL

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HOWEVER, IF THE U.S. DELETED A.1. AGITATED REACTION FROM NETHERLANDS EXPERT TO REFERENCE TO MICROPROCESSORS WAS THAT U.S. WAS CARRYING ON "HOLY WAR" AGAINST INTEGRATED CIRCUITS, AND CRITICIZED EMBARGO ON BASIS OF COMPONENTRY. (DUTCH ARE STILL SMARTING FROM L974 LIST REVIEW ON IL 1564.) IN FINAL PLENARY SESSION, USDEL OFFERED TO RECOMMEND TO HIS AUTHORITIES THAT THEY CONSIDER DELETION OF A.1 AND NOTE 3, PROVIDED ALL OTHER DELS AGREED THAT ANY DECONTROL OF CNC UNITS WOULD NOT AFFECT COVERAGE OF TECHNOLOGY BY IL'S 1564 AND 1565. ALL OTHER DELS THEREUPON AGREED THAT THIS TECHNOLOGY

WOULD REMAIN EMBARGOED.

(C) NOTE 1 - FRANCE COULD ONLY AGREE IF THE WORDS "SPECIALLY DESIGNED" WERE ADDED BEFORE "ELECTRONIC" IN FIRST LINE. NETHERLANDS DID NOT UNDERSTAND PURPOSE, BELIEVED WORDING TOO BROAD AND MORE APPLICABLE TO MACHINE TOOLS THAN NC CONTROL UNITS.

(D) NOTE 2 - FRANCE STATED IT COULD NOT CONCUR IN NOTE UNTIL ROBOT ISSUE WAS RESOLVED.

(E) NOTES 3 AND 4 - FRANCE REQUESTED THAT U.S. PREPARE TABLE SHOWING WHAT CONTROL UNITS WOULD BE FREED BY THESE NOTES. THIS TABLE SHOULD BE SIMILAR TO ONE PREPARED FOR

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IL 1565. JAPAN WANTED ITS PROPOSAL ON IL 1500 NI TO BE APPLICABLE TO SUBPARAGRAPH C OF NOTE 4.

(F) NOTE 6 - SOME DELEGATIONS BELIEVED THIS NOTE EXPANDED COVERAGE, AND OBJECTED TO CROSS REFERENCE TO IL 1565 (NETHERLANDS, JAPAN). JAPAN BELIEVED ITEM SHOULD BE LIMITED TO "COMPONENTS ETC. THAT CAN UPGRADE."

(G) STATEMENTS OF UNDERSTANDING TO NOTES 3, 4, AND 5 - MISUNDERSTANDING INTENT, SEVERAL DEL INSISTED THAT THE CUTOFFS SHOULD BE INCLUDED IN THE RELATED NOTES AND ARGUED THAT SEPARATE SOU'S COMPLICATED ADMINISTRATION.

USDEL EXPLAINED THAT PURPOSED OF THESE SOU'S WAS TO MAKE POSSIBLE A MEASURE OF AUTOMATICITY FOR UNITS MEETING THE CUTOFFS, SUCH AS THAT PROVIDED IN SOU TO NOTE 12 OF IL 1565. UNITS NOT MEETING THOSE CUTOFFS MIGHT STILL QUALIFY FOR CONSIDERATION UNDER THE NOTES, BUT WITHOUT AUTOMATIC APPROVAL. IN VIEW, HOWEVER, OF APPARENT OPPOSITION TO THIS ARRANGEMENT, US PROMISED TO CONSIDER ELIMINATING SOU'S AND INCLUDING CUTOFFS IN NOTES, POINTING OUT LOSS OF AUTOMATICITY. AS FOR CUTOFF THEMSELVES, EXPERTS OF TWO DELEGATIONS CONSIDERED THEM TOO RESTRICTIVE.

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8. FINAL COMMENT: ROCKY GOING WAS EXPECTED FROM THE FRENCH, BUT THE U.S. DELEGATION WAS SURPRISED BY DEPTH OF OPPOSITION ALSO FROM DUTCH, GERMANS AND NORWEGIANS. SKILLFUL AND EXPERT PRESENTATION BY KRATZ AND MISKELL APPARENTLY SOFTENED OPPOSITION TO COVERAGE, OF NC'S FOR ROBOTS AND OTHER NON-METALWORKING MACHINES. RETENTION OF SOFTWIRED UNITS UNDER EMBARGO REMAINS A STUMBLING BLOCK, HOWEVER. DEL HOPES EDAC AGENCIES CAN AGREE TO DELETION OF SUB-ITEM A.1 OF PROPOSED 1500 NI IN LIGHT OF ASSURANCES BY OTHER DELS THAT TECHNOLOGY FOR COMPUTERS AND MICROPROCESSORS REMAINS UNDER EMBARGO. IT IS IMPORTANT THAT REDRAFT BE SUBMITTED TO COMMITTEE NOT LATER THAN 30 DAYS PRIOR TO THE NEXT DISCUSSION, ASSUMING THAT WASHINGTON APPROVES DATE OF OCTOBER 3.

9. REQUEST CONFIRMATION THAT - A) OCTOBER 3 IS ACCEPTABLE FOR FURTHER TALKS ON IL 1091, AND B) NEW DATE OF OCTOBER 10 IS ACCEPTABLE FOR DISCUSSION OF BELGIAN OBSOLESCENCE PROPOSAL.

KATZ

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